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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application )

Applicant: Hiroaki Ueno )

Serial No. )

Filed: November 30, 2001 )

For: METHOD OF MEASURING )

NON-LINEARITY IN )

MAGNETIC RECORDING/ )

REPRODUCTION, DEVICE )

FOR MAGNETIC RECORDING/ )

REPRODUCTION AND LST )

FOR MAGNETIC RECORDING/ )

REPRODUCTION )

Art Unit: )

*I hereby certify that this paper is being deposited with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: U.S. Patent & Trademark Office, P.O. Box 2327, Arlington, VA 22202, on this date.*

11-30-01  
Date

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PRELIMINARY AMENDMENT

Assistant Commissioner for Patents

Box Patent Application

Washington, D.C. 20231

Dear Sir:

Prior to examination of this application and calculation of the filing fee,

please amend the application as follows:

In the Claims:

Please amend claims 19, 20 and 31-33 as follows:

19. (Amended) An LSI for magnetic recording/reproduction according to

any one of claims 9, 10, 11, 15, 16 or 17, wherein said LSI for magnetic

recording/reproduction includes a circuit for adjusting a write compensation circuit based upon said fifth harmonic component.

20. (Amended) A device for magnetic recording/reproduction mounting an LSI for magnetic recording/reproduction of any one of claims 9, 10, 11, 15, 16 or 17.

31. (Amended) A device for magnetic recording/reproduction according to any one of claims 21, 22, 23, 27, 28 or 29, wherein said device for magnetic recording/reproduction includes means for adjusting a write compensation circuit based upon said fifth harmonic component.

32. (Amended) A device for magnetic recording/reproduction according to any one of claims 21, 22, 23, 27, 28 or 29, wherein said device for magnetic recording/reproduction includes a magnetic reluctance-type head for detecting said reproduced signals.

33. (Amended) A device for magnetic recording/reproduction according to any one of claims 21, 22, 23, 27, 28 or 29, wherein said NLTS is measured within an error range of 5%.

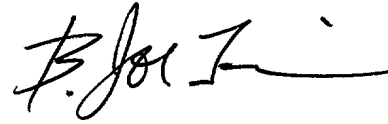
REMARKS

Applicant respectfully requests these claims be considered with the examination of this application.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the Claims:**

Claims 19, 20 and 31-33 were amended as follows:

19. (Amended) An LSI for magnetic recording/reproduction according to any one of claims [9 to 18 above] 9, 10, 11, 15, 16 or 17, wherein said LSI for magnetic recording/reproduction includes a circuit for adjusting a write compensation circuit based upon said fifth harmonic component.

20. (Amended) A device for magnetic recording/reproduction mounting an LSI for magnetic recording/reproduction of any one of claims [9 to 19] 9, 10, 11, 15, 16 or 17.

31. (Amended) A device for magnetic recording/reproduction according to any one of claims [21 to 30 above] 21, 22, 23, 27, 28 or 29, wherein said device for magnetic recording/reproduction includes means for adjusting a write compensation circuit based upon said fifth harmonic component.

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32. (Amended) A device for magnetic recording/reproduction according to any one of claims [21 to 31 above] 21, 22, 23, 27, 28 or 29, wherein said device for magnetic recording/reproduction includes a magnetic reluctance-type head for detecting said reproduced signals.

33. (Amended) A device for magnetic recording/reproduction according to any one of claims [20 to 32 above] 21, 22, 23, 27, 28 or 29, wherein said NLTS is measured within an error range of 5%.

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